

EGAT's Thermal Power Plant Project

1. Project name : Bang Pakong Thermal # 3
2. Type of generation : oil/gas/coal-fired steam plant
3. Description and scope of project
 - a) Location : Bang Pakong District,
Cha Cheong Sao Province
 - b) Rated capacity : 600 MW
 - c) Annual energy generation : 3950 GWh
 - d) Fuel : oil/gas/coal
 - e) Fuel consumption : 100 million cubic feet of gas
per day
1.546 million tons of coal
per year

4. Project cost (Million Baht)

	---FC---	---LC---	---Total---
-Turbine generator & auxiliary	1698.06	-	1698.06
-Steam generator & auxiliary	1912.98	-	1912.98
-Structural steel	285.42	-	285.42
-Intake and C.W. pipe	45.90	-	45.90
-Electrical equipment	649.92	-	649.92
-Instrumentation & control	178.50	-	178.50
-Water treatment	164.16	-	164.16
-Building super structure	210.90	-	210.90
-Plant miscellaneous	47.82	-	47.82
-Air conditioning	20.52	-	20.52
-Construction equipment	49.14	-	49.14
-General construction	-	1489.56	1489.56
-Mechanical construction	-	1371.06	1371.06
-Electrical & control construction	-	661.74	661.74
-Inspection service	14.04	-	14.04
-Local transport	-	52.65	52.65
Total	5,277.34	3,575.02	8,852.36

5. Tentative schedule

- a) Feasibility study and approval : October 1990
- b) Engineering : October 1991
- c) Preliminary, manufacturing, construction and installation works : October 1992
- d) Commissioning : October 1997